2409

# R/V DAN MOORE STATION LOG

| VESSEL (1) | STATION (2-5) | CRUISE NO. (6-8) | MO. DAY YEAR (9-14) | GRID (15-17) | LATITUDE (18-21) | LONGITUDE (22-25) |
|---|---|---|---|---|---|---|
| M | 2409 | 032 | 02 15 74 | 21AN | 3437 | 7635 |

| DEPTH (26-29) | SUR. TEMP. (30-31) | BTM TEMP. (32-33) | AIR TEMP (34-35) | BAROMETER (36-38) | BT (39) | WIND DIR. (40-41) | WIND SPD. (42-43) |
|---|---|---|---|---|---|---|---|
| 0007 | 12 | — | 12 | 014 | N | NE | 10 |

| S.C. (44) | WEA. (45-46) | BTM TYPE (47-48) | BTM REG (49) | GEAR TYPE (50-51) | GEAR SIZE (52-54) | OP (55) | TM. START (56-57) | MIN. FISHED (58-60) |
|---|---|---|---|---|---|---|---|---|
| 1 | PR | SA | S | FT | 151 | — | 09 | 015 |

| RIG (61-62) | TOTAL FINFISH (63-67) | TOTAL CRUSTACEANS (68-71) | TOTAL SHELLFISH (72-75) | TOTAL OTHER (76-80) |
|---|---|---|---|---|
| 01 | 02500 | — | — | — |

| RIG (61-62) | TOTAL FINFISH (63-67) | TOTAL CRUSTACEANS (68-71) | TOTAL SHELLFISH (72-75) | TOTAL OTHER (76-80) |
|---|---|---|---|---|
| — | — | — | — | — |

| POSITION | LATITUDE | LONGITUDE | LORAN | | DEPTH fms | C/C | TIME ON STATION | |
|---|---|---|---|---|---|---|---|---|
| | | | 3H6 | 3L1 | | | PO | DO |
| START | 34° 37′ | 76° 35′ | 1792 | 4862 | 7 | | 0857 | 0858 |
| | | | | | | | PU | ON |
| FINISH | 34° 36′ | 76° 36′ | 1803 | 4864 | 7 | | 0913 | 0915 |

| LENGTH WARF | SHIFT RPM | PITCH | GEAR DATA: |
|---|---|---|---|
| 100 | 1300/2 / 5 | 50 | |

SPECIAL MODIFICATIONS

OPERATIONAL COMMENTS

OBSERVATIONS

P. denTaTus - 1

P. keTHosTigmA - 1

Amphiroeus - nocTiVe

R/V DAN MOORE SPECIES LIST

STATION NUMBER 2409 DATE Feb 15 19 74 IDENTIFIED BY BSW ASP

TOTAL CATCH WT. 2500+ SUBSAMPLE WT. — NO. BASKETS —

EP 2500 C — M — O —

| SPECIES | NUMBER | WEIGHT | DATA TAKEN * |
|---|---|---|---|
| Paralichthids | Positive | | |
| P. dentatus | 1 | 2 | Yes |
| P. lethostigma | 1 | 2 | Yes |
| Anadromus | Negative | | |
| Bait | | | |
| Anchoa hepsetus | Abundant | 10 | Gilled |
| Trash Fish | | | |
| Peprilus triacanthus | Abund | 1580 | bsl 4sl 2500 |
| Leiostomus xanthurus | Abund | <1000 | |
| Micropogon undulatus | Few | 10 | |
| Other | | | |
| Pomatomus saltatrix | 1 | 2 | |

*Include type of data taken, i.e length, weight, scales, gonads, saved for identification, etc.

Species: P dentatus

| Specimen Number | T.L. | Sex | Otoliths | Gonads | Fecundity | Back-calc. | Age | Gonad Stage | Station Number | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|
| II-49 | 266 | ♂ | ✓ | — | | | | — | CONIT 2389-2581 | 90 grams * Area 3 |
| II-49 | 261 ✓ | ♀ | ✓ | — | | | | I | II | 175 Feb 1974 |
| II-50 | 229 ✓ | ♀ | ✓ | — | | | | I | II | 135 |
| II-51 | 239 ✓ | ♀ | ✓ | — | | | | I | II | 160 |
| II-52 | 190 ✓ | ♂ | ✓ | — | | | | — | II | 120 |
| II-53 | 243 ✓ | ♀ | ✓ | — | | | | I | II | 160 |
| II-54 | 272 ✓ | ♀ | ✓ | — | | | | I | 2406 | 235 Area II |
| II-55 | 225 ✓ | ♀ | ✓ | — | | | | I | II | 140 Feb 1974 |
| II-56 | 253 ✓ | ♀ | ✓ | — | | | | I | II | 190 |
| II-57 | 242 ✓ | ♀ | ✓ | — | | | | I | II | 160 |
| II-58 | 232 ✓ | ♂ | ✓ | — | | | | — | II | 130 |
| II-59 | 205 ✓ | ♀ | ✓ | — | | | | I | II | 100 |
| II-60 | 162 (54) (1977) | ♂ | ✓ | — | | | | I | II | 75 |
| II-61 | 317 ✓ | ♀ | ✓ | — | | | | I | 2397 | 320 Area I |
| II-62 | 203 ✓ | ♂ | ✓ | — | | | | — | II | 95 Feb 1974 |
| II-63 | 190 ✓ | ♂ | ✓ | — | | | | — | II | 90 |
| II-64 | 292 ✓ | ♀ | ✓ | — | | | | I | 2409 | 255 Area IV Feb 1974 |
| II-65 | 348 ✓ | ♀ | ✓ | — | | | | I | 2405 | 465 Area I |
| II-66 | 214 ✓ | ♂ | ✓ | — | | | | — | II | 110 Feb 1974 |
| II-67 | 209 ✓ | ♀ | ✓ | — | | | | I | II | 95 |
| II-68 | 219 ✓ | ♀ | ✓ | — | | | | I | 2387-2390 | 110 * 2 ♂ |
| II-69 | 238 ✓ | ♀ | ✓ | — | | | | I | II | 145 6 ♀ |
| II-70 | 328 ✓ | ♀ | ✓ | — | | | | VII - I | II | 350 0 I |
| II-71 | 200 ✓ | ♀ | ✓ | — | | | | I | II | 85 Area I |
| II-72 | 213 ✓ | ♀ | ✓ | — | | | | I | II | 105 Feb 1974 |
| II-73 | 235 ✓ | ♀ | — | — | | | | I | II | 130 |
| II-74 | 239 ✓ | ♀ | ✓ | — | | | | I | II | 150 |
| II-75 | 211 ✓ | ♀ | ✓ | — | | | | I | II | 90 |
| II-76 | 229 ✓ | ♂ | ✓ | — | | | | — | II | 125 |
| II-77 | 193 ✓ | ♀ | ✓ | — | | | | I | II | 85 |
| II-78 | 267 ✓ | ♀ | ✓ | — | | | | I | II | 200 |
| II-79 | 246 ✓ | ♀ | ✓ | — | | | | I | II | 165 |
| II-80 | 252 ✓ | ♂ | ✓ | — | | | | — | II | 170 |
| II-81 | 221 ✓ | ♀ | ✓ | — | | | | I | II | 115 |
| II-82 | 251 ✓ | ♀ | ✓ | — | | | | I | II | 185 |
| II-83 | 220 ✓ | ♀ | ✓ | — | | | | I | II | 125 |
| II-84 | 208 ✓ | ♂ | ✓ | — | | | | — | II | 100 |
| II-85 | 221 ✓ | ♀ | ✓ | — | | | | I | II | 120 |
| II-86 | 260 ✓ | ♀ | ✓ | — | | | | I | II | 175 |
| II-87 | 227 ✓ | ♂ | ✓ | — | | | | I | II | 110 |

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Species: P. lethostigma

| Specimen Number | T.L. | Sex | Otoliths | Gonads | Fecundity | Back-calc. | Age | Gonad Stage | Station Number | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|
| | 534 | ♀ | – | – | – | – | – | Spent | 2407 | Feb. 15 [illegible] Br |
| | 269 | ♀ | – | – | – | – | – | I | 2457-2461 | April 4, 1974 |

# Length-frequency distribution

Species P. dentatus | Station 2409

Date Feb. 15, 1974 | Locality:

| T.L. | ♀ | T.L. |
|---|---|---|
| 100 - 104.9 | | 600 - |
| 110 - | | 610 - |
| 120 | | 620 - |
| 130 - | | 630 - |
| 140 - | | 640 - |
| 150 - | | 650 - |
| 160 - | | 660 - |
| 170 - | | 670 - |
| 180 | | 680 - |
| 190 - | | 690 - |
| 200 - | | 700 - |
| 210 - | | 710 - |
| 220 | | 720 |
| 230 | | 730 - |
| 240 - | | 740 - |
| 250 - | | 750 - |
| 260 - | | |
| 270 - | | |
| 280 - | | |
| 290 - | 1 | ♀ - 1 |
| 300 - | | |
| 310 - | | |
| 320 - | | |
| 330 | | |
| 340 - | | |
| 350 - | | |
| 360 - | | |
| 370 - | | |
| 380 - | | |
| 390 | | |
| 400 - | | |
| 410 - | | |
| 420 - | | |
| 430 - | | |
| 440 - | | |
| 450 - | | |
| 460 - | | |
| 470 - | | |
| 480 | | |
| 490 | | |
| 500 - | | |
| 510 - | | |
| 520 - | | |
| 530 | | |
| 540 - | | |
| 550 - | | |
| 560 - | | |
| 570 - | | |
| 580 - | | |
| 590 - | | |

2409